

ANTENNASPECIFICATION

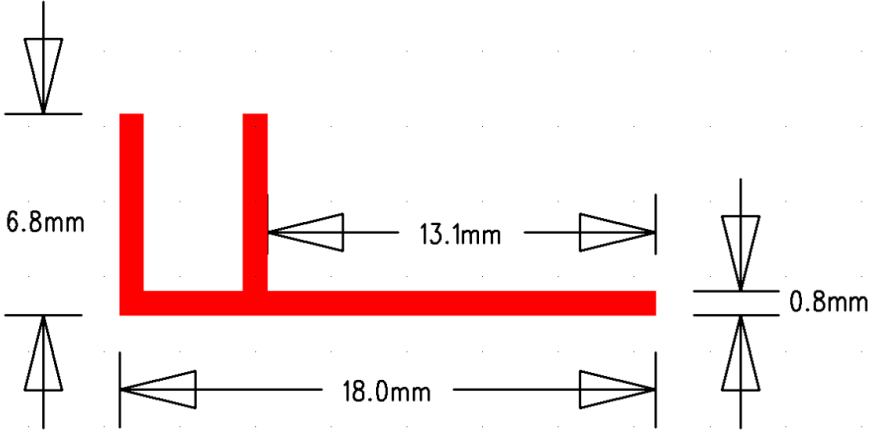
Contents

.....	1
1. Project Information.....	2
1.1.AppearanceandDimensions.....	2
1.2.Antenna manufacturer.....	2
2. Electrical Characteristics.....	3
2.1. Test Environment Conditions.....	3
2.2. Efficiency and Gain.....	3
2.2.1. Test system.....	3
2.2.2. No-source test data.....	3
2.2.3. 3D Radiation Drawi	4
2.2.4. directional drawing of horizontal plane.....	4

ANTENNASPECIFICATION

1. Project Information

1.1. Appearance and Dimensions

Test point	Specifications	Test result
Overall dimensions	18.0mm*6.8mm	OK
		OK
Drawing		

1.2. Antenna manufacturer

The antenna type is PCB board mounted antenna,
Antenna manufacturer is PCB manufacturer: Yishengxin (翌胜鑫)

ANTENNA SPECIFICATION

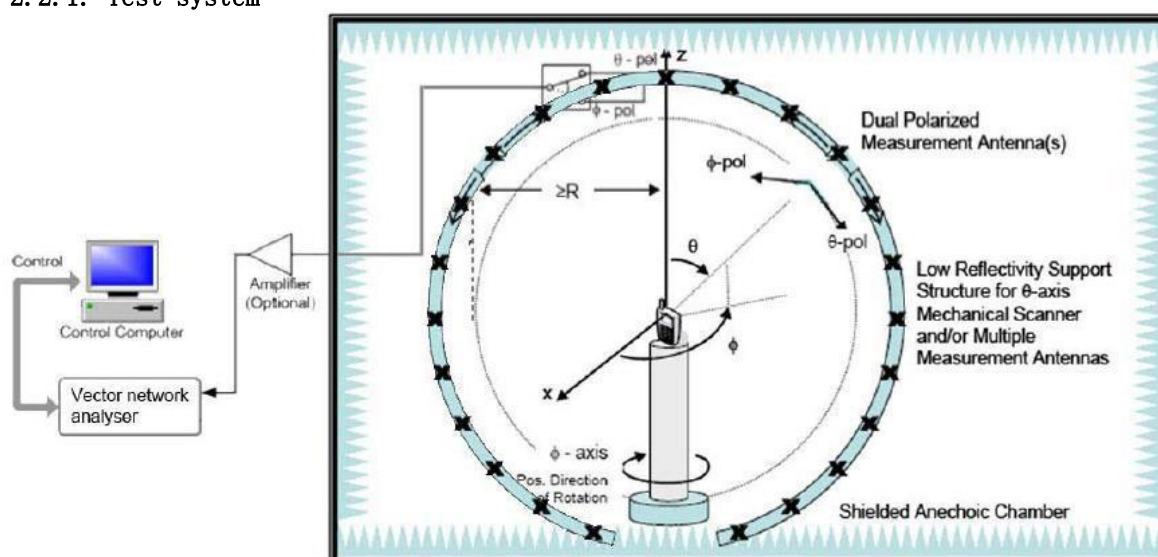
2. Electrical Characteristics

2.1. Test Environment Conditions

Temperature	Ordinary Temperature (5 to 35℃)
Humidity	Ordinary Humidity (25 to 85% RH)

2.2. Efficiency and Gain

2.2.1. Test system

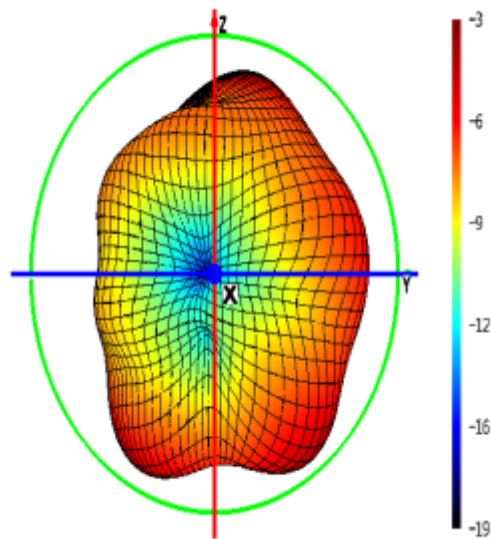


2.2.2. No-source test data

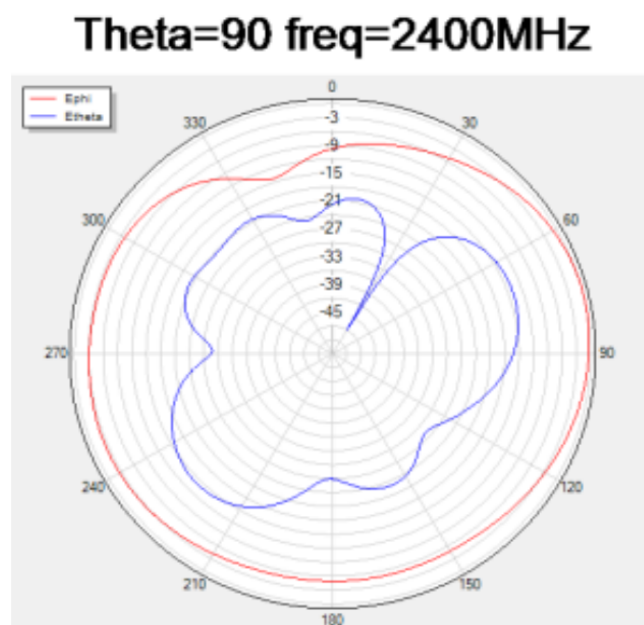
Gain&Efficiency&PhaseCenter 增益、效率和相位中心			
frequency 频率(MHz)	Peak Gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-4.09	-8.45	16.3
2410	-5.05	-8.62	16.73
2420	-3.96	-8.14	17.36
2430	-3.78	-8.05	17.65
2440	-3.13	-8.01	17.8
2450	-3.05	-7.78	18.66
2460	-2.28	-7.63	19.26
2470	-3.04	-7.41	20.17
2480	-2.19	-7.09	20.54
2490	-2.31	-7.41	21.17
2500	-2	-6.88	23.52

ANTENNASPECIFICATION

2.2.3. 3D Radiation Drawing

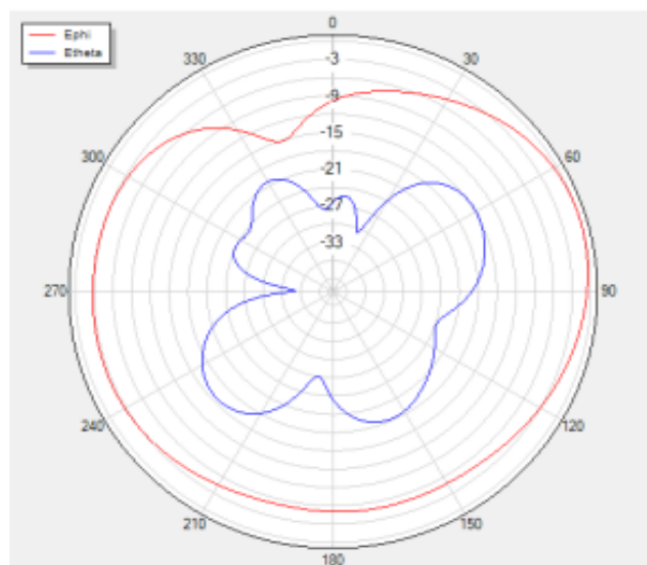


2.2.4. directional drawing of horizontal plane



ANTENNASPECIFICATION

Theta=90 freq=2440MHz



Theta=90 freq=2480MHz

